L 1427-64 EWI(m)/BDS ASD/AFFTC

ACCESSION NR: AP3003192

P/0053/63/000/05-/0343/0347

AUTHOR: Zak, Wieslaw

TITLE: Operational data of Polish one window Geiger-Muller alcohol counters

SOURCE: Przeglad elektroniki, no. 5-6, 1963, 343-347

TOPIC TAGS: Geiger-Muller counter, Geiger counter quenching system, one window alcohol counter

TRANSLATION: In order to study the deterioration of measuring equipment caused by radiation detectors after a relatively short operation time, Polish one-window alcohol counters of the BAT-25 (BAN-55, AMI-55, etc.) type were used as radiation detectors with and without a quenching system. To define the rate and nature of the parameter changes of the measuring equipment with and without a quenching system, the relationship between the number of counts and the control preparation was determined as a function of the operation time. The use of a quenching system not only improved the characteristics of the counters, but also increased their life span considerably. However, the use of an extinguishing system is

Card 1/2

L 11/27-61
ACCESSION NR: AP3003192

not ideal since the electron-measuring apparatus must be extended. Orig. art. has: 7 figures and 1 table.

ASSOCIATION: Instytut Badan Jadrowych, Dzial Dozymetrii (Institute of Nucleor Research, Dosimetry Division)

SUEMITTED: CO DATE ACQ: 23Ju163 ENCL: CO

SUB CODE: GE, PH NO REF SOV: COO CTHER: COO

Cord 2/2

ZAK, Ye. B. and MARFENKO, O. V.

"Structure of the Lower Limit of Cloud Cover," Trudy Tsentral'noy Aerologicheskoy Observatorii, No.7, pp 3-15, 1952

Translation M-1084, 25 Apr 56

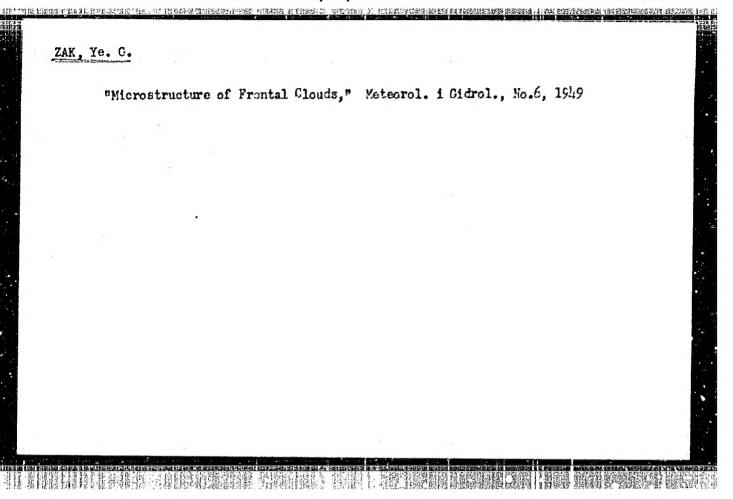
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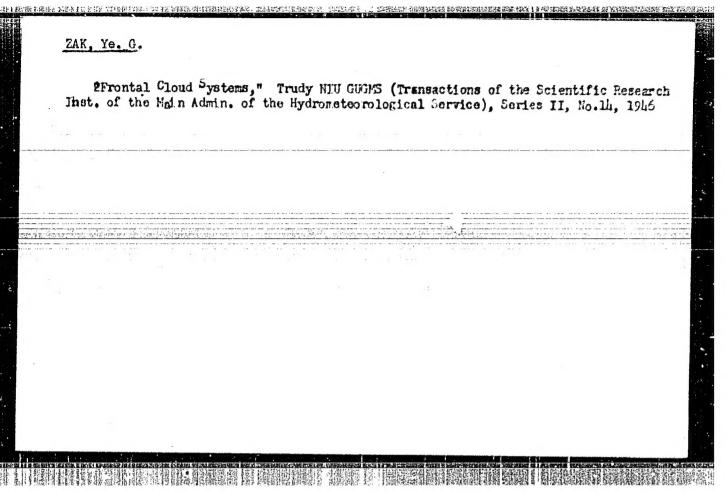
ZAK, E. G.

Kharakteristika frontal'noi oblachmosti po dannym samoletnykh podⁿemov. (Meteorologiia i gidrologiia, 1937, no. 8, p. 15-28, diagrs.)
Title tr.: Characteristics of frontal cloudiness from data obtained by aircraft ascensions.

QC851.M27 1937

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

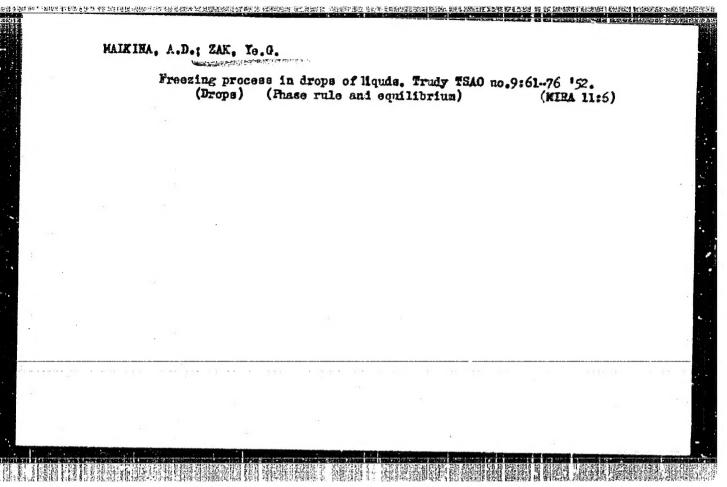




ZAK, Wieslaw

Studies on the operational effectiveness of Polish-sade Geiger-Muller counters. Przegl elektroniki 4 no. 5/6: 343-347 My-Je '63.

1. Instytut Badan Jadrowych, Dział Dozymetrii, Warszawa.



ZAI, Te.G.; SMEZHINSKATA, I.V., redaktor; BRATHINA, M.I., tehnicheskiy redaktor.

Experimental study of cloud systems of a warm front. Trudy frac (NIRA 9:8)

(Clouds)

AND AND THE REPORT OF THE PARTY		
	20-2-39/60	
AUTHORS	Voskresenskaya, H. P., Zak, Ye. G.	
TITLE:	On Oxygen Absorption by Plant Leaves in Various Spectral Regions (O pogloshchenii kisloroda list'yami rasteniy v raznykh uchastkakh spektra)	
PERIODIO	Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 2, pp. 375-378 (USSR)	
ABSTRAC	accordance with the processes of photosynthesis is not equal for the short-wave range and the long-wave range of the spectrum of physiological radiation. Some indirect data suggest as cause for this the change in the oxidation-reduction regime of the photosynthesizing cells under different conditions of exposure. The intensification of the synthesis of albumen and of amino acids, the accumulation of organic acids during experiments of long duration, and the shift of the points of compensation of the photosynthesis into the direction of stronger exposure to light in the short-wave radiations.	

的。10mm的数据数据 医结合性 医环状 医甲酰胺 II 指数的现在分词 在 2.000 PSP 1550 ES

20-2-39/60

On Oxygen Absorption by Plant Leaves in Various Spectra' Regions

the intensification of the process of oxidation takes place which can be connected with the activation of the absorption of oxygen by the leaf. The paper under review describes an attempt of directly measuring the velocity of absorption of oxygen by the leaves under short-wave and long-wave radistion: 400 - 580 m ("blue light") and 580 - 700 m ("red light"). The comparison of the activities of absorption was conducted (also in darkness) manometrically with the aid of the Warburg apparatus at 25°. For purposes of a direct determination of the velocity of absorption, the photosynthesis would have to be eliminated; such an elimination by application of poisons has not been entirely successful. Therefore the authors of the paper under review carried out their investigations with ethiclated material as well as with such spots of the plant forms that were free of chlorophyll. On basis of the results obtained it is possible to speak of the existence of differences in the oxidizing-reducing regime of the leaves if they are exposed to long-wave or short--wave light. These differences manifested themselves as different velocities of absorption of oxygen. It appears that the carotinoids and endoxidases (flavoproteins) as

Card 2/4

THE CHARLES AND ALTERNACIST BROOM IS ALTHUR.

20-2-39/60

On Oxygen Absorption by Plant Leaves in Various Spectral Regions

well as the cytochrome system were responsible for the increase in absorption. Although these results were obtained with regard to parts of leaves that were not green, this may hold valid also for green leaves. Thus it can be assumed that the intensification of the absorption of oxygen at exposure to blue light is based on this photochemical reaction, i.e. on the absorption of light of this sector by the photoactive ferments of the breathing systems, together with the carotinoids. As results of the photochemical reaction that yields additional energy to the above systems, they must be activated . In the case investigated by the authors of the present paper, this circumstance probably favored the intensification of absorption by the cell both of the atmospheric oxygen as well as of the oxygen produced during the process of the photosynthesis. There are 1 figure, 4 tables, and 14 references, 7 of which are Slavic.

Card 3/4

20-2-39/60

On Oxygon Absorption by Plant Leaves in Various Spectral Regions

ASSOCIATION: Institute of Plant Physiology im. K. A. Timiryazev, AS USSR

(Institut fiziologii rastenly imeni K. A. Timiryazeva Aka-

demii nauk SSSR)

PRESENTED: March 5, 1957, by A. L. Kursanov, Academician

SUBMITTED: March 5, 1957

AVAILABLE: Library of Congress

Card 4/4

72 AK, 42.6.

3(7)

PHASE I BOOK EXPLOITATION

SOV/21:42

Tsentral'naya serologicheskaya observatoriya

用權利的國本自1951年發展提高。由於國際影響等的發展的發展,不過於自由的影響的國際的發展的

Trudy, vyp. 19 (Transactions of the Central Aerological Observatory, Nr 19)
Moscow, Gidrometeoizdat, 1958. 104 p. 1,000 copies printed.

Sponsoring Agency: Glavnoye upravleniye ĝidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR.

Ed. (Title page): A. Kh. Khrgian; Ed. (Inside book): L. V. Blinnikov; T. Ye. Zemtsova.

PURPOSE: This collection of articles is intended for meteorologists and serologists.

COVERAGE: These articles are studies in the physics of clouds and precipitation and in the techniques of controlling these phenomena. The papers contain information on the characteristics of the microstructure - the water content of clouds and the properties and processes in the build-up of cumulonimbus clouds, as studied by radar. Artificial fog dispersion through the formation of snow crystals is described as is a new theory for the formation of crystalline nuclei near strongly cooled bodies. A chamber for studying the formation dispersion of fogs and their optical properties is also described. Card 1/2

	Transactions of the Central Aerological Observatory (Cont.) SOV/244	0
!	There are 29 references: 19 Soviet, 8 English, and 2 French.	۷
	TABLE OF CONTENTS;	
	Minervin, V. Ye., I. P. Mazin, and S. N. Burkovskaya. New Data on the Content of Clouds	later
	Zak. Ye. G. and A. A. Podemens Provider	•
,	Zak, Ye. G., and A. A. Fedorova. Results of Radar Observations on the Formation and Development of Precipitation in Cumulonimbus [Torrential] Seregin, Yu. A. Dispersion from the Earth of Supercooled Fogs by Silver	
	Seregin, Yu. A. Dispersion from the Earth of Supercooled Fogs by Silver Todide Aerosol	. 68
,	Seregin, Yu. A. Dispersion from the Earth of Supersocied Form by California and Development of Precipitation in Cumulonimbus [Torrential]	. 68
1	Seregin, Yu. A. Dispersion from the Earth of Supercooled Fogs by Silver Todide Aerosol Krutskaya, L. I. Methods for Computing the Number of Ice Bullet Bernder	. 68 . 81
,	Seregin, Yu. A. Dispersion from the Earth of Supercooled Fogs by Silver Todide Aerosol Krutskaya, L. I. Methods for Computing the Number of Ice Nuclei Forming Under the Action of Cooling Reagents Gromova, T. N., and A. D. Solovivey. Laborators Fountment for Archive	. 68 81

ZAK, le. G.

PHASE I BOOK EXPLOITATION SOV/5852

Borovikov, Aleksandr Moiseyevich, Ivan Ivanovich Gayvoronskiy, <u>Yelizaveta</u>

<u>Germanovna Zak</u>, Vadim Vladimirovich Kostarev, Il' ya Pavlovich Mazin,
Vladislav Yevgen yevich Minervin, Aleksandr Khristoforovich Khrgian, and
Solomon Moiseyevich Shmeter

Fizika oblakov (Cloud Physics) Leningrad, Gidrometeoizdat, 1961. 458 p. 5000 copies printed.

Ed. (Title page): A. Kh. Khrgian; Ed.: V. S. Protopopov; Tech. Ed.: M. I. Braynina and O. G. Vladimirov.

PURPOSE: This book is intended for meteorologists and for specialists in forecasting service and aviation.

COVERAGE: The book describes modern methods of studying the development, structure and origin of clouds. Special attention has been given to the forma-

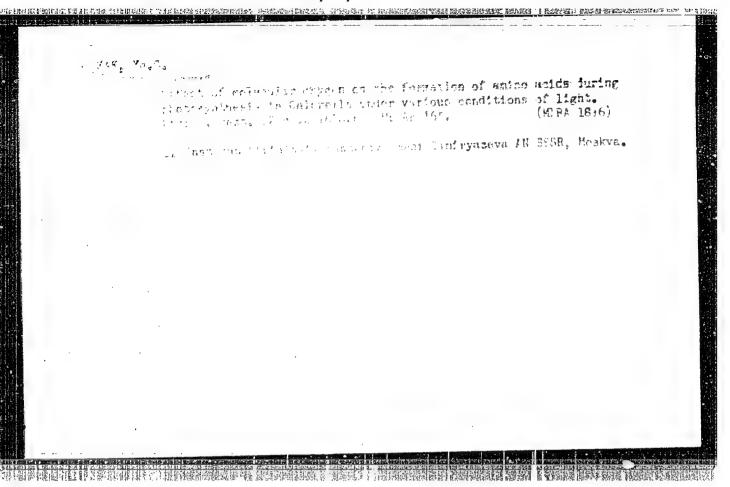
Card Man

Cloud Physics

SOV/5852

tion of microscopic elements in clouds. The macroscopic properties of clouds are also studied in detail. Their position in space, motion, as well as their connection with thermodynamic structure of the atmosphere, general circulation, cyclonic activity, etc. are investigated. Flying in clouds is briefly discussed. One chapter deals with cloud modification and seeding. The book is based on Soviet and non-Soviet sources. Ch. I was written by Ye. G. Zak and I. P. Mazin; Ch. II, by A. M. Borovikov, V. Ye. Minervin, A. Kh. Khrgian and S. M. Shmeter; Ch. III, V, and VI, by A. Kh. Khrgian; Ch. IV, by A. Kh. Khrgian and S. M. Shmeter; Ch. VII, by Ye. G. Zak; Ch. VIII, by A. M. Borovikov; Ch. IX, by I. P. Mazin; Ch. X, by I. I. Gayvoronskiy; Ch. XI, by V. V. Kostarev, V. Ye. Minervin and A. Kh. Khrgian. The authors thank L. T. Matveyev and A. M. Baranov. There are 632 references: 274 English, 254 Soviet, 71 German, 30 French, 2 Hungarian and 1 Polish.

Card 2/10



ZAK, Ye,G.; NICHIPOROVICH, A.A.

Paths of the formation of amino acids during photosynthesis.
Fiziol. rast. 11 no.6:945-950 N-D '64. (MIRA 18:2)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR, Moskva.

ZAK, Ye.G.; NICHIPOROVICH, A.A.

Formation of amino acids during photosynthesis, identification and degradation of glycine, alanine and serine. Fiziol. rast. 11 no.1:20-30 Ja-F 64. (MIRA 17:2)

l. Institut fisiologii rastemiy imeni Timiryazeva AN SSSR, Moskva.

ZAK, Ye.C.

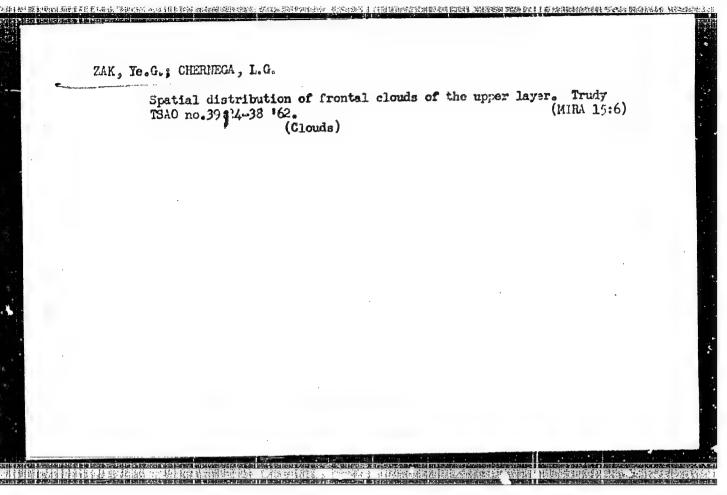
Methods of the cleavage of alanine, serine and glycine [with summary in English]. Fiziol. rast. 10 no.2:238-243 Mr-Ap '63.

(MIRA 16:5)

1. Institut fiziologii rasteniy imeni K.A. Timiryazeva AN SSSR, Moskva.

(Alanine) (Serine) (Glycine)

Vertical distribution of clouds of the upper layer. Trudy TSAO no.39: 13-23 '62. (MIN. 15:6)



ZAK, Yu.A.; RUVINSKIY, L.A.

Using the system of network planning in the woodpulp and paper industry. Bum. i der. prom. no.4:3-10 0-D '55. (MIRA 18:12)

ZAK, Yu.I.; AFOYAN, V.T.

Azygography in lung cancer. Trudy ISIU 62:78-39 '63.

(MIRA 18:3)

1. II kafedra klinicheskoy khirurgii (zav. prof. B.K.Osirov)

TSentral'nogo instituta usovershenstvovaniya vrachey.

ZAK.Yu.I., dotsent; PERKIN, E.M., kend. med. nauk

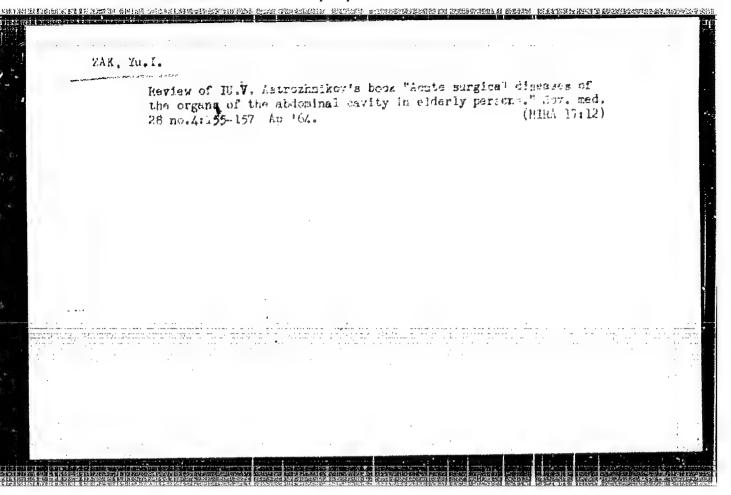
Perforating cholecystitis. Trudy TSIU 66:183-192 *64. [MIRA 18:5]

BUILD BUILD

ZAK, Yu. 1., dottent; Wir ANOV, 1.6., kand. mad. nauk

Late results of surgical treatment in cholecystitis. Vest. khir. 93 no.12:29-32 D 164. (MIRA 18:5)

1. Iz 2-y kafedry klinicheskoy khirurgii (zav. - prof. B K.Gsipov) TSentral'nogo instituta usovershenstvovaniya vrackey (rektor - M.D.Kovrigina).



ZAK, Yu.I., dotsent

Some problems in the surgical treatment of cholecystitis. Trudy TSIU 2:247-255 '61. (GALL HLADDER-DISEASES)

ZAK, Z.; OSTROWSKI, W.

Preparation and properties of riboflavin flavoprotein of soluble fraction of egg yolk. Acta blochim. pol. 10 no.4: 427-441 *63.

1. Department of Physiological Chemistry, Medical Subsol, Krakow.

(EGG YOLK) (RIBOFIAVIN) (PROTEINS)

(CHEMISTRY)

ZAK, Z.; OSTROWSKI, W.

Preparation and properties of riboflavin flavoprotein of soluble fraction of egg yolk. Acta biochim. pol. 10 no.4: 427-441 *63.

1. Department of Physiological Chemistry, Madical School, Krakow.

(PCO FOLK) (PROPERTY) (EDOFFICE)

(EGG YOLK) (RIBOFLAVIN) (PROTEINS)
(CHEMISTRY)

Polish Technical Abst. No. 4, 1953 Chemistry and Chemical Technology

edane alah bebirk

Litynski T., Zulinski R., Zek Z. The Fertilizing Value of Polish Brown Coal. Wertosc nawozowa krapjowego wegla brunatnego. Przemysl Chemiczny, No. 12, 1952, pp. 554-568, 3 figs., 4 tabs. Since certain chemical difficulties may occur in the use of ammonia as a liquid nitrogen fertilizer the authors prop se the use for this purpose of Polish brown coal saturated with ammonia. Property prepared coel-ammonia products contain about 25% or 5% of ammonia; the entire quantity of nitrogen introduced with these preparations is available to plants, and in addition to the nitrogen a quantity of humus appears in a water-solub a form. Since humus stimulates the growth of plants, the factilisting officiency of coal-namonia products may be Miller than that of pure meaning or of coal individually. Thus is make possible the introduction into agriculture of tath arrowin andindigeous brown coal as crop improvers.

631.82:622.332

ZAR, Z.

Litynski, T.; Jurkowska, H.; Zek, Z. "Influence of Lignite on the Production of Citric Acid by <u>Aspersillus Niger</u>" p. 291 (<u>Acta Microbiologica Polonica</u>, Vol. 1, No. 4, 1952, Werszawa)

So: Monthly List of My 1/2 Accessions / Library of Congress,

1954 erch **#77**, Unc

ZAK, Z.

ZAK, Z. Consumption of materials and analysis of the economical qualities of bridges with floors of reinforced concrete slabs. p. 318. Vol 4. no. 7. July 1956. INZENYRSKE STAVBY (Ministerstvo stavebnictvi)
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

v	Indication of requirements for symmetric 1 Standartizatsiia 27 no.9:50-52 S '63.	ayout of elements. (MIRA 16:10)

28-3-21/33

AUTHOR:

Zak, Z.D., Engineer

TITLE:

Projected Standard for Drawing Sheet Formats (Proyekt standarta

na formaty chertezhey)

PERIODICAL: Standartizatsiya, 1957, # 3, May-June, p 75-77 (USSR)

ABSTRACT:

The projected standard for drawing sheet formats - to replace the existing FOCT 3450-52 - is to bring about better utilization of drawing paper, tracing paper and blueprint paper which is being produced by the paper industry in 834 x 1172 mm sheets or in rolls of 840 and 850 mm in width. The presently used, and the planned formats, are given. The number of presently used formats, for drawings as well as all other technical documents, is over 500. The new standard will cut this figure to 19. The formats used in Bulgaria, Czechoslovakia, Hungary, Germany, Rumania, Poland and other countries are

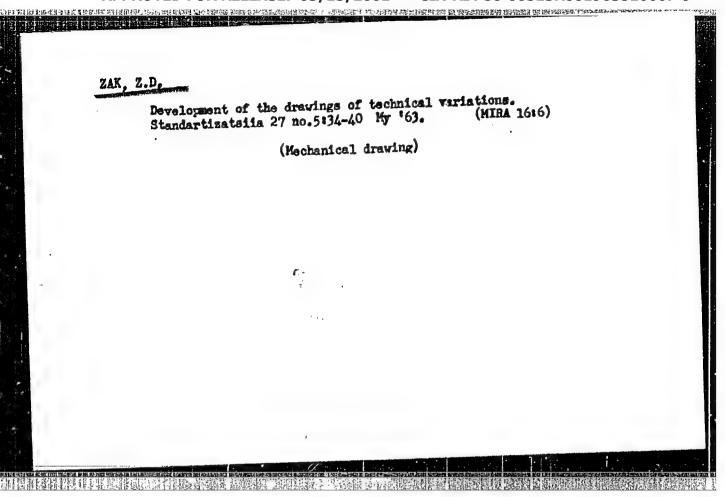
mentioned.

There are 2 charts.

AVAILABLE:

Library of Congress

Card 1/1



的16年度并不多的。其在中国社会国际共享,中国社会的过去时,这种各种的建筑地区的社会和社会和政治、一个共同企会。第二个中国的共享的社会和主义的,是实际,现实的人员和各种和政治主义的主义的主义和主义的主义和主义和主义和主义

AUTHORS: Zak, Z.D., and Malkin, D.M., Engineers 28-58-3-17/39 TITLE: Modern Requirements for a Drawing System (Sourcmentyye trebovaniya k sistema chertezhnogo khozyaystva) PERIODICAL: Standartizatelya, 1958, Nr 3, pp 50-56 (USSR) ABSTRACT: The article treats problems of the development of a standard for a technical drawing system (Systema chemtechnogo khozyaystva, of "SChEh") on which Leningradskiy filial VPTI (Leningrad Branch of VPTI) is working, the draft of which has been assued for discussion. The authors criticize the project and state that it does not meet the problem and, in parts, complicates what must be simplified. There have been no standard rules for many technical details of drawings. As a result, different industry branches or even single plants used their own conventional signs and rules. The drawings cannot be used by others without considerable preliminary work. The experience of Soviet as well as foreign industry and the recommendations of ISO/TC 10 most be utilized for the new system. It must be correlated with the

Card 1/2

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963510007-9"

corresponding standards of the East Bloc countries. The Committee of Standards, Measures and Measuring Davides must organize a special technical committee which would work out a scientific

•	tirements for a Drawing System basis for the system. There is 1 Sov	29-58-3-17/39
Card 2/2	1. Draiting-Standards	
	*	

orio. Pub.	Eungarian Research Institute of Petroleum and English of Research Work on Bitumens in fungury Pagyar Keri, lapja, 1958, 13, No 10-12, 376-379
ABSTRACT	: The article gives a review of research work on the production and application of bitumen, corride out at the Hungarian Research Institute of Petroleum and Matural Cas, particularly in view of producing, out of petroleum of the
	Gases and Petroleum. Motor and Rocket Puels. Inbricants Millatural Gas

ZAK-LEPSKAYA, H. I.; KOVALEVA, V. H.; HILYAVSKAYA, To. H.

Heasures taken for the control of helsinthiasis in Kharkov. Ked paras. i paras. bol. 24 no.4:357-362 0-D *55. (KIRA 9:1)

1. Is Khar'kovskoy gorodskoy protivomalyariynoy stantsii.

(HEIMINTH INFECTIONS, prevention and control,
in Russia)

性主要可能多类与生产的生产的一种工作的工作。

VISHBUSKAYA, S.K., kandidat meditsinskikh nauk; SUESOVA, S.A.; ZAK-LEPSKAYA,
R.I.; DETHELO, M.P. (Kar'kov)

Santtary belminthological condition of rivers in Eharkov. Vrach.delo
no.11;1191-119) M '56.

(KIMIKOV-WATER-POLLUTION)

(WORKS, INTESTIBAL AND PARASITIC)

ZAK-OGAZA, B.

POLAND / General and Specialized Zoology. Insects.

P

Biology and Ecology.

Abs Jour

: Ref Zhur - Biol., No 17, 1958, No 78259

Author

: Zak-Ogaza, Barbara

Inst Title

: Chalcidae Parasites of the Coccid Family Lecaniidae (Hom., Coccidea), Part I

Orig Pub

: Polskie pismo entomol., 1956 (1957), 26, No. 1-

26, 249-259

Abstract

: A checklist (14 species) of Chalcidae bred in Foland from 12 species of soft-scaled Lecaniidae. (13 species of Chalcidae were found in Poland

for the first time.

Card 1/1

ZAKABLUKOVSKIY, N.G.

Effect of drilling conditions on the basic indices of the combination drilling method with sinker drills. Izv.Sib.otd.AN SSSR no.11:36-44 158. (MIRA 12:2)

1. Zapadno-Sibirskiy filial AN SSSR. (Boring)

ZAKABLUKOVSKIY, N. G., Candidate Tech Sci (diss) -- "Investigation of shock-rotary drilling with immersion hammers". Hovosibirsk, 1959. 10 pp (Min Higher Educ USSR, Tomsk Crderof Labor Red Banner Polytech Inst im S. M. Kirov, Acad Sci USSR, Siberian Dept), 150 copies (KL, No 24, 1959, 136)

SAFRONV, P., dotoent; ZAKABUNINA, M., kandenedensuk

Arned uith war gas. Vosn.-anan. 41 no.12:36 D '65.

(HIRA 18:12)

ZAKABUHINA, H.S.; GADASKINA, I.D., dektor biologicheskikh nauk, zavednyushchaya; inzatev. H.V., professor, zasluzhennyy deyatel nauki, nauchnyy rukovoditel.

Effect of minimal doses of aniline applied to the skin of rabbits. Farm. i toks. 16 no.2:40-42 Mr-Ap 153. (MLRA 6:6)

1. Tokaikologicheskaya laboratoriya Leningradskogo muchno-isaledovatelskogo instituta gigieny truda i profzabolevaniy.

(Aniline--Physiological effect)

LAZAREV, N.V.; ALEKSANDROV, I.S.; LYUBLINA, Ye.1.; AKKEREER), I.I.; KAKA-BUNINA, M.S.; GADASKINA, I.D.; DOBRYAKOVA, N.S.; KREPS, I.F.; KARISIK, V.M.; LEVINA, E.N.; DANISHEVEKIY, S.L.; YEGOROV, M.M.; RYLOVA, M.L., Starshiy nauchnyy sotrudnik; KAHPOV, B.D.; ANDREYEV, V.V.; LYKHINA, Ye.T.; ZAMESHAYEVA, G.I.; ANISIHOV, A.N.; FRIDLYAND, I.G.; DAHRTSKAYA, O.L.; BOGOVSKIY, P.A.; TIUNOV, L.A.; MIKHEL'SON, M.Ye.; ABRAKOVA, En.I., GRIGOR'YEVA, L.M.; KLINSKAYA, K.S.

Third Leningrad conference on the problems of industrial toxicology.

Farm.i toks. 16 no.2:59-62 Kr-Ap 153. (MLRA 6:6)
(Poisons)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963510007-9"

ZAKARUMINA. AS

AID P - 3901

Subject

: USSR/Medicine

Card 1/1

Pub. 37 - 5/21

Author

: Zakabunina, M. S., Aspirant

Title

: On the toxicity of "Extralin"

Periodical: Gig. i. san., 12, 19-22, D 1955

Abstract

"Extralin" is a mixture of three amines: monomethyl aniline (87,6%), aniline (6,9%) and dimethyl aniline (4,43%) used for increasing the antiknock properties of fuels (mostly aircraft gasolines, GCST

3737-47). Describes tests on rabbits for determining the toxicity of this compound, and recommends special safety measures in handling it. Tables, diagrs.

Bibliography.

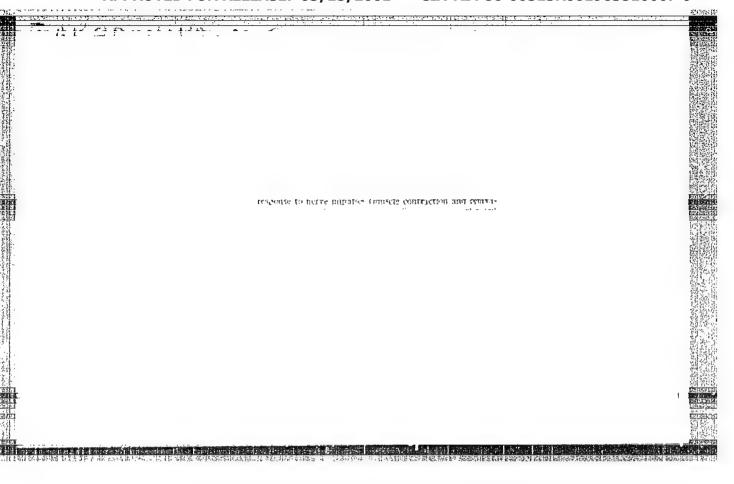
Institution:

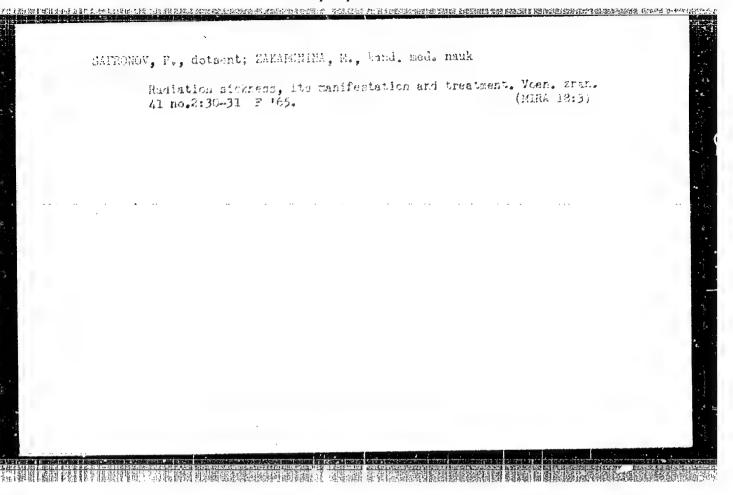
Leningrad Scientific Research Institute of Industrial

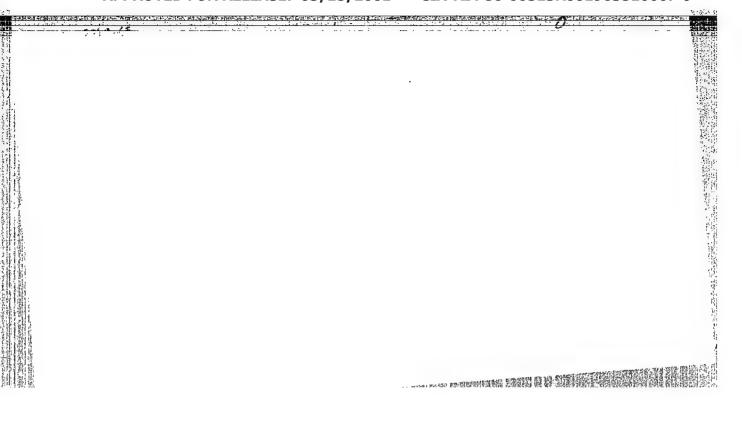
Hygiene and Occupational Diseases.

Submitted S 29. 1954

ZAKABUNINA, M.S. Minimum concentrations of aniline affecting the central nervous aystem in rabbits. Farn.i taks. 18 no.3:41-45 My-Je '55. (MIRA 8:9) 1. Toksikelegicheskaya laberatoriya (zav.-dokter biolegicheskikh nauk I.D. Gadaskina, nauchnyy rukovoditel zaslushennyy dayatel nauki pref. M.V. Lazarev) Leningradskogo instituta gigiyeny truda i prefessional sykh zabolevaniy. (ANILINE DYES, effects, on CNS in rabbits, minimum dose) (CENTRAL MERVOUS SYSTEM, effect of drugs on, aniline, minimum dese)







ZAKALINSKIY, S.I., insh.

"Mine building in complicated mining goology conditions" by
IA.E.Ghukseeva. Reviewed by S.I.Zakalinskii. Shakht.stroi.

IA.E.Ghukseeva. Jl '60.

4 no.713 of cover. Jl '60.

(Kining engineering)
(Chukseeva, IA.E.)

(Chukseeva, IA.E.)

ZAKALINSKIY, S. I.

ZAKALINSKIY, S. I. -- "Investigation of Problems of the Development of Strata of Increased Thickness in the Basin near Hoscow." Academy of the Coal Industry, Min Coal Industry USSR. Moscow, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnava letopis', No. 4, Moscow, 1956

是是一个人,这一个人,这个人的人,我们也不是一个人的人,我们也不是一个人的人,我们也不是一个人的人,这个人的人,我们也没有一个人的人,我们们就是一个人的人,我们 IJP(a) WW/JW/QD/RM EWT(m)/EWP(1) 1, 09134-67 ACC NR. AT6032058 SOURCE CODE: UR/0000/65/000/000/0056/0058 (A)AUTHOR: Zakalinskiy, V. M. ORG: None TITLE: Use of a plexiglass model for studying the effect of blasting a cluster of SOURCE: Moscow. Institut gornogo dela. Novaya tekhnologiya i sistemy podzemnoy razrabotki rudnykh mestorozhdeniy (New technology and systems of underground mining of ore deposits). Moscow, Izd-vo Nauka, 1965, 56-58 TOPIC TAGS: explosive charge, shock wave, mining engineering ABSTRACT: A plexiglass model is used for studying the pattern of the destructive effect of an explosion and the interaction between shock waves and stress waves when a cluster of adjacent holes is blasted. The specimen used for simulating the elementary layer of rock was a plexiglass sheet measuring 700×600×25 mm with experimental conditions corresponding to explosion of charges in an infinite medium. (Holes were drilled perpendicular to the broad side of the sheets and filled with PETN. Clusters of 2. 3 and 4 charges were exploded with distances between centers ranging from 2 to 14 pit diameters. The weight of the charge in a cluster of 4 pits each measuring 3 mm in diameter was 1.2 g. The same quantity of explosive was used in an isolated pit measuring

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6 mm in diameter. An individual pit in the cluster contained 300 mg of PETN. The charges in the cluster were exploded simultaneously. Photographs of the results are given. It was found that the proposed method of simulation may be used for a quantitative evaluation of blasting as well as for studying important qualitative characteristics of the interaction between shock waves and stress waves during explosion of clustered charges. Explosion of a charge in a cluster of holes with the optimum distance between pits (approximately 9d for plexiglass) results in the largest zone of destruction as well as the largest cracks. Studies conducted in cooperation with A. V. Bud'ko showed a new specific physical form in destruction of the medium during explosion of clustered charges: the formation of large oriented cracks in the medium radiating out from the corners of the charges in the cluster. The pits in the cluster may be located to control the shape of the zone of destruction and to form various types of crack systems, i. e. to control the effect of the explosive charge in a manner which is impossible with explosion of isolated pits of large diameter. Orig. art. has: 3 figures.

SUB CODE: 19/ SUBM DATE: 178ep65

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ZAKALINSKIY, V.M. (Moskva)

Investigating the breaking off of ores by concentrated borehole groups using an electrohydrodynamic analogy method. Izv. AN SSSR. Met. 1 gor. delo no.5:159-166 S-0 '63. (MIRA 16:11)

EUD'KO, A.V. Prinimali uchastiye: HOGDANOV, G.I.; ZŁKALINSKIY, Y.N.; KKIVELKCY, N.A.; TCLOCIKO, M.K.; MAIAKHOV, G.M., prof., doktor tekhn.nauk, redtsnzent

[Automation of stoping operations] Avtomatizatsiia ochistnykh rabot. Moskva, Izd-vo "Nodra," 1964. 133 p.

(MIRA 17:6)

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136-3-16/25

AUTHORS: Belogay, P. D., Galich, V.H. and Zakalyukin, I.S. TITLE:

Method of Fixing Filter Cloths onto Suction Filters. (Sposob krepleriya fil'trtkani na nutch-fil'trakh).

PERIODICAL: Tavetnye Metally, 1957, No.3, pp.77-78 (USSR)

ABSTRACT: This is a very brief illustrated description of a method used at the Davendinsk Works in which filter cloths in the

form of rectangular bags are secured by the weight of a steel frame. Cloth changing takes 3 to 4 minutes.

1/1

There is one figure.

ASSOCIATION: Davendinsk Works. (Davendinskaya Fabrika)

AVAILABLE: Library of Congress

k	ADEN, N.N.; ZAKALYUKINA, T.P. Morphology of the gyncecium enf fruit in borage and mint families. Vest. Mosk. un. Ser.6: Biol., pochv. 20 no.3:31-41 My-le ***. (MIRA 18:7) 1. Kafedra vysshikh rasteniy Moskovskogo universiteta.	
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PETYUNIN, P.A.; ZAKALYUZHNYY, M.V.

Ozalic acid amides and hydrazides. Part 6: Oxamincyl hydrazones and 6-acylhydrazides of N-substituted oxaminic acids. Zhur. ob.khim. 34, no.722121-2125 *64 (MIRA 17:8)

1. Permskiy farmatsevtloheskiy institut i Khar kovskiy farmatsevtloheskiy institut.

。 16. 表表表示,有主义,是一种工作的人,就是有效的人,就是一种工作的人,是一种工作的人,但是一种工作的人,但是一种工作的人,但是一种工作的人,但是一种工作的人,

PETYUNIN, P.A.; ZAKALYUZHNYY, M.V.

Amides and hydrazides of exalic acid. Part 4:Hydrazides of N-substituted exemic acids. Zhur.ob.khim. 34 no.1:28-32 Ja '64.(MIRA 17:3)

1. Permskiy farmatsevticheskiy institut i Khar'kovskiy farmatsevticheskiy institut.

ACC NR: AP6021899	(A,N) SOURCE CODE: UR/0358/66/035/003/0370/037
AUTHOR: Zakamyrdin, I. A	•
ORG: Kazan Veterinary Inc	stitute (Kazanskiy veterinarnyy institut)
TITLE: Biological methods	of insect control
SOURCE: Meditsinskaya par 370	razitologiya i parazitarnyye bolezni, v. 35, no. 3, 1966
4	ase vector, pour control, binleghard method bectuiology
were used to infect the nu- (Musca domestica). This re cultures had no appreciable	nc. dendrolimus and Chromobacterium specimens utrient media used in raising houseflies method reduced the fly population. Mixing the le effect. A one-hundred percent kill of a urred within 1—2 days when this method was used.
SUB CODE: 06/ SUBM DATE: 1	[W.A. 50; CBE No. 10]
Card 1/1	UDC: 632.937.15

ZAKAMSKIY, M., inzh.; POLYAKOV, A., inzh.

Following the experience of Morcow and Leningrad automobile workers. Avt. transp. 36 no. 6:51 Je '58. (MIRA 11:7) (Motortrucks--Haintenence and repair)

LATATUYEV, V.I., DENIHOV, A.D., PEHIKOV, O.L., DORFMAN, E.M., ZAKABUNINA, N.I.

Effect of pertain salt additions on the rate of chemical mickel plating. Thur. prikl. khim. M no.3:534-537 Nr '65.
(MIRA 18:11)

1. Submitted April 26, 1963.

ZAKAMYRDIN, I. A. (Post-graduate Student), and ANDREYEV, K. P. (Prof)

"Hexamethylenebenzamid (hexamid B) - a New Repellant against Horseflies."

Veterinariya, Vol. 38, No. 6, 1961. p. 68

Zakamyrdin, I. A. - Post-graduate student) All-Union Scientific Research Institute of Veterinary Sanitation (VNIIVS)

NECHAYEV. A.A.; ZAKAMYRDIN, I.A.; LOGVIN, F.

Information and brief news. Veterinariia 40 no.3:92-96 Mr 163. (MIRA 17:1)

1. Zamestitel nachal nika Upravleniya veterinarii Ministerstva sel skogo khozyaystva SSSR (for Nechayev).

 \$10.5 km 中心智能完成 在一种 19.4 km 加速性能加速性的重要性的特殊性的特殊性的 一种正常的 1.5 km 1.

ZAKAMYRDIN, I.A., aspirant

Effect of polychloropinene on the animal organism. Veterinariis 40 no.7:59-61 J1 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

(Pinene) (Veterinary hygiene) (Insects baits and repellents)

ANDREXEV, K.P., prof.; ZAKAHIRDIN. I.A., aspirant

Hexamethylene bensamide (Hexamid B), a new repellent sgainst horseflies. Veterinariia 38 no.6:68-69 Je '61. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

(Horseflies) (Hegamid)

ZAKAMYRDIN, I.A. aspirant

Protection of livestock from bloodsucking dipterous insects.

Veterinaria 38 no.6:70-73 Je '61. (MIRA 16:6)

1. Vsesoyusnyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii.

(Parasites -- Cattle) (Insecticides)

ANDREYEV, K.P., prof.; ZAKA: YHDIK, I.A., aspirant

Polychloropinene exulsion for the protection of enixals against bloodsucking insects. Veterinarnia 37 no.8:79-83 Ag 16C.

(MIRA 15:4)

1. Vaesoyuznyy nauchno-isoledovateliskiy institut voterinarnoy sanitarii.

(Pinone) (Insects baits and repellents)

ZAKAMYRDIN, I. A. (Post-graduate student)

"An Experiment on the Protection of Cattle from Bloodsucking Dipterous Insects." (see also "Veterinariya", No. 8, 1960)

Veterinariay, Vol. 38, No. 6, 1961. p. 70

Zakamyrdin, I. A. - All-Union Scientific Research Institute of Veterinary Senitation (VNIVS)

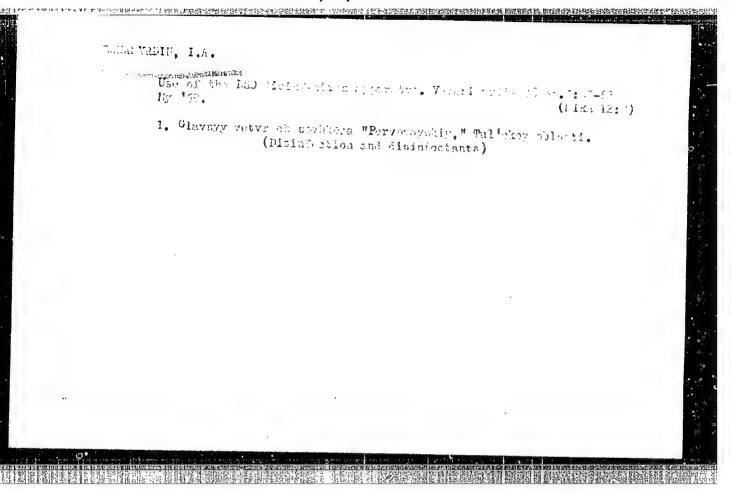
	CARTASHOV, P.A., HUTIN, M.T., ZAKAHYRDIN, I.A., UZAKOV, U.YA.
	All manufacturations and gr
Radiation out of	in investigation of absorption and organization of some insects.
(Approximate train	unslation of title - documents blurred - unable to make out letters.)
Report submitted	to the Symp. on the Use and Application of Radioistopes and
Radiation in the	Control of Plant and Animal Insect Pests. 22-26 April 1963
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"Polichlorpinen emulsion as a method of the struggle against bloodsucking insects."

Veterinariya, Vol. 37, No. 8, 1960, p. 79

Zakanyrdin - depurant, all Muion Sei-les Inst. Vet. Somit.



GUDOVICH, N.V., kand. khim. nauk; OVCHARENKO, F.D., akadamik, doktor khim. nauk; CHUGAY, O.D. [Chuhai, O.D.]; BORISOVA, T.S. [Borysova, T.S.]; CHORNOUS, D.G. [Chornous, D.H.]; ZAKANAVSKAYA, T.I. [Zakanavs ka, T.I.]

Effect of the nature of filler surface on rubber strengthening. Khim. prom. [Ukr.] no.2:45-48 Ap-Je '63. (MIRA 16:8)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR (for Gudovich, Ovcharenko). 2. Kiyevskiy zavod "Chervoniy gumovik" (for Chugay, Borisova, Chornous, Zakanavskaya).

ZAKANDIN, Viktor Il'ich; BARSKIY, A.A., red.; PLESHAHOVA, H.I., red.izd-va; PARAKHINA, N.L., tekhn. red.

[Technical and economic analysis of the cost of samill products] Tekhniko-ekonomicheskii analiz sebestoirosti piloproduktsii. Foskva, Gozlesbumizdat, 1961. 113 p.

(MIRA 15:4)

(Lumbering-Costs) (Savmills)

ZAKAHDIN, Viktor Illich: PEREL'MAN, Boris Borisovich; LIKHTGEYM, M.P., red.;
MASLOV, N.A., red.izd-va; LAGUTINA, I.M., tekhn.red.; TOKER, A.M.,
tekhn.red.

[Economic accountability for job superintendents and foremen; practices of the Cherepovets Metallurgical Building Trust of the Ministry of Metallurgical and Chemical Plant Construction of the U.S.S.R.] Knoziaistvennyi raschet proizvoditelia rabot i mastera na stroiuchastke; opyt raboty tresta Cherepovetsnetallurgstroi Ministerstva stroktel stva predpriiatii metallurgicheskoi i khimicheskoi promyshlennosti SSSR. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 59 p. (MIRA 11:5) (Construction industry--Accounting)

。 (1914年19月17日)(1914年19月20日)(1914年19月18日)(1918年19月2日)(1918年19月2日)(1918年19月2日)(1918年19月2日)(1918年19月2日)(1918年19月2日) (1918年19月17日)(1918年19月2日)(1918年19月2日)(1918年19月2日)(1918年19月2日)(1918年19月2日)(1918年19月2日)(1918年19月2日)(1918年19月2日)

ZAKAHDTRIH, B.G., insh.

Apparatus used for installing asbestos cement canopies in subway tunnels. Transp.stroi. 8 no.12:28 D '56.

(MIRA 12:1)

(Subways)

(Asbestos cement)

PIKUL', V.S., kand.tekhn.nauk; ZAKAMDYRIN, S.G., insh.

Using vacuum grips in building and assembling operations. Meth. trud.
rab. 11 no.12:45-46 D '57.

(Vacuum apperatus) (Hoisting machinery)

MAKOYSKIT, V.L., doktor tekhn.nauk; MAREHNYY, Ya.I., kand.tekhn.nauk;

ZAKABUTRIS, B.G., inzh.

Using vacuum apparatus in tunneling. Transp. stroi. 8 no.2:19-21

F '58.

(Vacuum apparatus)

(Tunneling)

ZAKAHDTRIN, B.G., insh.

Vacuum detector fer testing defects in welded seams. Transp. stroi.
8 no.9:30 S '58.

(Blectric welding—Testing) (Vacuum apparatus)

ZAKANY, Lauzle, okleveles gepeszmernok

Up-to-date drying installations in the light industry. Ipari
energia 1 no.5-6:97-102 N-D '60.

ZAKA: Y, L.

ZAYANY, L. Alteration of the drying equipment with glass plates in the Leather Factory at Simontornya; also, remarks by J. Vajda. p. 124.

Vol. 5, No. 6, Dec. 1955. BCR- ES CIPOTECHNIKA. SCIENCE Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, Nay 1956

是是是有数据的工程的现在分词,但是并且可能的理解的证明,但是对抗性的现在分词,可能可以是一种。这种问题的是一种的现在分词的现在分词的现在分词的现在分词的现在分词的

ZAKAHY, L.

Continuous operation in the preparatory plants of rubber-shoe factories. p. 83, POR- ES CIPO TECHNIKA (Boripari Tudomanyos Egyesulet ming a Magyar Tudomanyos Egyesuletek Szovetsege Tagegyesulete) Budapest, Vol. 6, No. 1, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

中心,现代中央,我们的政治的人,但是是一个人,但是是一个人,我们就是是是是是一个人,不是一个人,我们们也是一个人,我们们也是一个人,我们们也是一个人,我们们也不是一个人,

ZAKUNY, I.

A new type of feeding assembly line in a sticking shop.

P. 37 (BOR-ES CHUTECHETKA) Budapest Vol. 7, No. 2, May 1957.

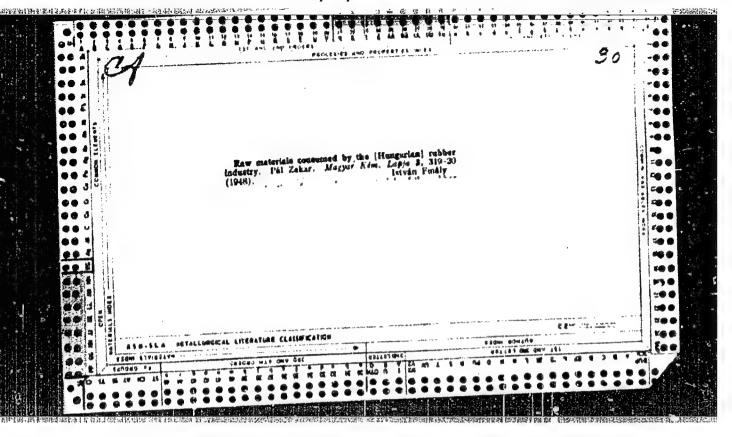
SO: Honthly Index of Past European Accssions (ADEI) Vol. 6, No. 11 November 1957.

ZAKAR, Karolyne; LEVDVAI, Ference

Individual or central dust extraction. Bor cipo 10 no.3:93-96 My 60

1. Duna Cipogyar.

y '60.		-9 6



zuma, r.

Crude of and bitumen, raw materials at Regylengyol. p. hho. (MAGYAK TECHNIKA, Budapest, Hungary), Vol. 9, No. 8, Aug. 195h.

EO: Monthly list of East European Accessions, (EEAL), LC, Vol. L, No. 5, Kay 1955.

Zik. 2 , 1	1. Liquil am. diluted bitumos at happlengyel. p. 271. intYnt AM. THEOM. LAFJA Eunepest. Vol. 10, no. 7, July 1955.	
SOURCE:	East European Accessions List (EEAL) LC Vol. 5, No. 6 June 1956	
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ZAKINK-, PA

HUNGARY / Chemical Technology. Chemical Products and Their J-9 Application - Treatment of natural gases and petroleum.

Motor and rocket fuels. Lubricants

: Referat Zhur - Khimiya, No 2, 1958, 5923 Abs Jour

Author : Nyul Gyula, Vamos Endre, Zakar Pal

Inst : Not given

Title : Extraction Refining of Motor Oils. I. Rundamentals of Cresol Refining

Orig Pub : Magyar kemik lapja, 1955, 10, No 12, 366-369

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: On refining with cresol (I) containing 5% water, oil of Abstract required viscosity is obtained with a 53% yield, at 50-400 (top and bottom, respetively) and an oil:solvent ratio 1:3.4. On using anhydrous I a temperature of 29-250 is sufficient (ratio 1:1.5, yield 44%). Analogous data were obtained with

Card 1/2

HUNGARY / Chemical Technology. Chemical Products and Their
Application - Treatment of natural gases and petroleum.
Motor and rocket fuels. Lubricants

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 5923

Abstract: I having a moisture content of about 1%. On using anhydrous I And introducing 8% water into the bottom of the column the yield is 59% at 22-210 with 1:3.3 ratio. Thus, if it is important to make maximum use of equipment it is more advantageous to use I with a moisture content of up to 1%; if a maximum yield of oil is desired — to introduce water into the bottom of the column. On using anhydrous I an addition of 3% of water to the extract and maintaining \$t 200 for 24 hours can yield 9% of secondary product (of lower grade), and by adding 5% of water — 32% of a product of very low grade.

Card 2/2

ZAKAR, P.

Mixing, packing, and transportation of bitumen. p. 100.
MAGYAR KEMIKUSOK LAPJA (Magyar Kemikusok Egyesulete) Budapest.
Vol. 11, no. 4, Apr. 1956.

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SOURCE: EEAL, Vol. 5, no. 7, July 1956.

ZAKAR, PAL

HUNGARY / Chemical Technology. Chemical Products and Their

J-9

Application - Treatment of natural gases and petroleum.

Motor and rocket fuels. Lubricants

Abs Jour

: Referat Zhur - Khimiya, No 2, 1958, 5929

Author

: Zakar Pal

Inst

: Not given

Title

: Use of Nagylengyeli Bitumen

Orig Pub

: Muszaki elet, 1956, 11, No 7, 21-23

Abstract

: No abstract.

Card 1/1

ZAKAR, PAL.

A nagylengyeli nyersolaj; bitumen nyersanyag.

Veszprem, Hungary. 1954. 7 p.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959 Uncl.

ZAKAR, Pal, okleveles vegyeszmernok; SIMON, Miklos, okleveles vegyeszmernok; VAJTANE KRALIK, Zacfia, dr., vegyeszmernok; VAJTA, Laszlo, dr., egyetemi tanar (Eudapest); CSAGOLY, Jozsef, okleveles vegyeszmernok

Road building bitumens. Melyepitestud szemle 14 no.12:545-547 D *64.

1. Division Chief, Hungarian Mineral Oil and Natural Gas Experimental Institute (for Zakar). 2. Head, Asphelt Laboratory of the Read Research Institute, Budapest (for Simon). 3. Mineral Oil Quality Control Institute, Budapest (for Vajtane Kralik). 4. Concrete Road Building Enterprise, Budapest (for Casgoly).